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10/040,233	11/07/2001	Yu-Zung Chiou	TS01-102	2907
28112	7590 12/03/2002			
GEORGE C	. SAILE & ASSOCIAT	EXAMINER		
28 DAVIS AVENUE POUGHKEEPSIE, NY 12603			TRINH, HOA B	
			ART UNIT	PAPER NUMBER
			2814	
			DATE MAILED: 12/03/2002	

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No.								
## Disposition of Claims ## Claims Final Action Final Action	>~		Application No.	Applicant(s)				
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. If the period for reply specified doors is less than this/ (30) days, a map white he datalogy minimum of bisin/ (30) days will be considered timely. If the period for reply specified above is less than this/ (30) days, a map white he datalogy minimum of bisin/ (30) days will be considered timely. If the period for reply specified above is less than this/ (30) days, a map white he datalogy minimum of bisin/ (30) days will be considered timely. If the period for reply specified above is less than this/ (30) days, a map white he datalogy minimum of bisin/ (30) days will be considered timely. If the period for reply specified above is less than this/ (30) days, a map white he datalogy minimum of bisin/ (30) days will be considered timely. If the period for reply specified above is less than this/ (30) days, a map white he datalogy minimum of bisin/ (30) days will be considered timely. Any varyly received by the Office later has this replaced to the communication, over if larely filed, may reduce a my sealed a particular to a specific day to the days and the specified on the market of the period of the considered timely. Status This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-32 Is/are pending in the application. 4a) Of the above daim(s) is a particular to the days of the properiod of the market period to the market period to the market period to the market period to the days of the properiod to the days of the properiod to the properiod to the da	Office Action Summary		10/040,233	CHIOU ET AL.				
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DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-16, drawn to an n-type doped diode, classified in class 438, subclass141.
 - II. Claims 17-32, drawn to a p-type doped diode, classified in class 438, subclass 141+.

The inventions are distinct, each from the other because of the following reasons:

- 2. Inventions I and II are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention I or II has separate utility such as a PMOS or NMOS. See MPEP § 806.05(d).
- 3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

4. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the

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application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Conclusion

1. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Vikki Trinh whose telephone number is (703) 308-8238. The Examiner can normally be reached Mon-Tuesday, Thurs-Friday, 7:30 AM - 6:00 PM Eastern Time. If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, Mr. Wael Fahmy, can be reached at (703) 308-4918. General inquiries relating to the status of this application should be directed to the Group receptionist at (703) 308-0858. The fax number is (703) 308-2708.

Vikki Trinh, Patent Examiner

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